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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/995,825	11/29/2001	Ming-Shun Chang	CHAN3122/EM	9743

23364 7590 11/03/2004

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EXAMINER

AGGARWAL, YOGESH K

ART UNIT	PAPER NUMBER
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2615

DATE MAILED: 11/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/995,825	CHANG, MING-SHUN	
	Examiner	Art Unit	
	Yogesh K Aggarwal	2615	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

Claim Objections

1. Claim 1 is objected to because of the following informalities:
 - a. Line 3, "the arena telecom server" should be "an arena telecom server".
 - b. Line 4, "the high capacity image storing device" should be "a high capacity image storing device".
 - c. Line 6, "the central control unit" should be "a central control unit".
 - d. Line 8, "the requested image data" should be "requested image data".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
3. Claims 1-3 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
4. The claims are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors. For example, in Claim 1, "period after the first sentence "... in a wide spreading area" should be omitted. Similarly the periods in line 5,7,10 should also be omitted.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maurinus et al. (US Patent # 6,222,646) in view of Fadel (US Patent # 6,597,736).

[Claim 1]

Maurinus et al. teaches a digital high bandwidth system similar to a swift video controller system (col. 2 lines 13-21, figure 1) that can be used in a public parks or hotel (col. 1 lines 55-59).

Maurinus further teaches that the present system is activated by transmitting digital video camera (figure 1, element 14) images to the central telecom server (figure 1, element 12). Although

Maurinus teaches a central telecom server to be used in public parks or hotel, it would be obvious to one skilled in the art that the server can be used in an arena in order to store the images transmitted to it. The images are then stored in a high capacity image-storing device (col. 2 lines 13-20). Maurinus teaches that a specialist can monitor all these image data in a central control unit (col. 3 lines 21-30). Maurinus also teaches that the image capture stations 14 which include a digital camera 16, a customer identification device and a communication controller 20 are connected to a network 10 and transmits the requested image data to user wirelessly or a docking station upon users personal authorized estate and pin code (col. 2 lines 21-42, col. 3 lines 5-20, figure 2). Maurinus further teaches that user will be able to view the request images

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instantly either live or historical on any personal computer (col. 3 lines 5-20). Maurinus teaches a network 10 but does not teach that the images are transmitted through an Asymmetric Digital Subscriber Line (ADSL) connection. However Fadel teaches that the images can be easily transmitted through an ADSL connection in order to have high bit rate (col. 1 lines 10-16). Therefore taking the combined teachings of Maurinus and Fadel, it would have been obvious to one skilled in the art at the time of the invention to have been motivated to transmit images in Maurinus using a high bandwidth ADSL connection of Fadel. The benefit of doing so would be to transmit images on a high bit rate communication media such as ADSL.

[Claim 2]

Maurinus in view of Fadel fail to teach that the high capacity image-storing device in the server is a high capacity storage disk. However, Official Notice is taken of the fact that the high capacity image-storing device in the server is a high capacity storage disk in order to store a large number of images having high resolution. Therefore taking the combined teachings of Maurinus, Fadel and Official Notice, it would have been obvious to one skilled in the art at the time of the invention to have been motivated to have a high capacity image storing device in the server as a high capacity storage disk in order to store a large number of images having high resolution.

[Claim 3]

Maurinus teaches that the image capture stations 14 can be portable and are connected to network 10 so that they can transmit images which can be viewed by the user (col. 2 lines 27-35).

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yogesh K Aggarwal whose telephone number is (703) 305-0346. The examiner can normally be reached on M-F 9:00AM-5:30PM.

7. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Christensen can be reached on (703) 308-9644. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

YKA
October 18, 2004


TUAN HO
PRIMARY EXAMINER